

VSEPR Theory, Molecular Geometry, Molecular Dipoles

I-For the following molecules indicate the *domain* geometry and *molecular* geometry (may be the same in some cases). Also indicate if the molecules are polar (have a non-zero molecular dipole), or not. (24 points)



II-What is a hybridization scheme consistent with the following?
(Choices sp , sp^2 , sp^3 , sp^3d , sp^3d^2) (6 points)

